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| TO:  | Mail Stop Amendment | FAX NO.:          | 571-273-8300         |
| FROM:  | Kenneth N. Nigon    | ADMIN. ASST.:     | Patricia C. Boccella |
| APPLN. NO.:  | 10/805,846          | ATTY. DOCKET NO.: | MATG-406US           |
| TITLE OF APPLN.: CONTROLLING HOLE SHAPE DURING ULTRAFAST LASER MACHINING BY MANIPULATING BEAM POLARIZATION |                     |                   |                      |
| FILING DATE:   | March 22, 2004      | ART UNIT:         | 1725                 |
| FIRST INVENTOR:  | Ming Li             | CONF. NO.:        |                      |
| TITLE OF DOCUMENT (and List of Attachments): Transmittal, Response to Restriction Requirement              |                     |                   |                      |
|  |                     |                   |                      |
|  |                     |                   |                      |

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Total Number of Pages: 4 (including this form)

COMMENTS

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PTO/SB/21 (09-04) (AW 10/2004)

Approved for use through 7/31/2006, OMB 0951-0031

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|   |                      |                    |
|---|----------------------|--------------------|
| <b>TRANSMITTAL FORM</b><br>(to be used for all correspondence after initial filing) | Application Number   | 10/805,848         |
|   | Filing Date          | March 22, 2004     |
|   | First Named Inventor | Ming Li            |
|   | Art Unit             | 1725               |
|   | Examiner Name        | Samuel M. Heinrich |
| Total Number of Pages In This Submission 2  | Attorney Docket No.  | MATG-406US         |

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## SIGNATURE OF APPLICANT, ATTORNEY OR AGENT

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| Firm Name    | RatnerPrestia    |                  |        |
| Signature    |                  |                  |        |
| Printed Name | Kenneth N. Nilgö |                  |        |
| Date         | January 23, 2006 | Registration No. | 31,549 |

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I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

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| Signature             |                    |      |                  |
| Typed or Printed Name | Patricia C. Boccia | Date | January 23, 2006 |

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, ALEXANDRIA, VA 22313-1450.

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Appln. No.: 10/805,846  
Amendment Dated January 23, 2006  
Reply to Office Action of December 30, 2006

MATG-406US

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE****RECEIVED  
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Appln. No: 10/805,846  
Applicant: Ming Li  
Filed: March 22, 2004  
Title: METHOD OF CONTROLLING HOLE SHAPE DURING ULTRAFAST  
LASER MACHINING BY MANIPULATING BEAM POLARIZATION  
TC/A.U.: 1725  
Examiner: Samuel M. Heinrich  
Confirmation No.: 3029  
Docket No.: MATG-406US

**RESPONSE TO RESTRICTION REQUIREMENT**

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**S I R :**

This is in response to the Restriction Requirement stated in the Office Letter dated **December 30, 2005**.

The Examiner requires that claims of either Species I, claims 1-3, methods of controlling shape of an area; Species II, claims 4-12, methods of machining variable features on a surface; Species III, claims 13-22, methods of machining transmissive microstructures; Species IV, claims 23-26, methods of laser texturing with predetermined marks; Species V, claims 27, be elected for prosecution. Applicant elects to prosecute Species I, **Claims 1-3**, methods of controlling shape of an area.


In the Restriction Requirement it is asserted that there are no generic claims. Applicants respectfully disagree with this assertion. Applicants assert that Claim 1 is generic to all of the species. In particular, the base claims for each of the species includes the limitations of generating a pulse of laser light, focusing the pulse of laser light to the beam spot within a target area of the microstructure workpiece, adjusting the polarization of the pulse of laser light such that the beam spot is elliptically polarized, adjusting an ellipticity of the polarization and controlling fluence of the laser light. Because the base claims of each of the species include these limitations, Applicants respectfully assert that claim 1 is generic to all of the species.

Appln. No.: 10/805,846  
Amendment Dated January 23, 2006  
Reply to Office Action of December 30, 2006

MATG-406US

This election is made without traverse.

Respectfully submitted,

  
\_\_\_\_\_  
Kenneth N. Nigon, Reg. No. 31,549  
Attorney(s) for Applicant(s)

KNN/pb

Dated: January 23, 2006

P.O. Box 980

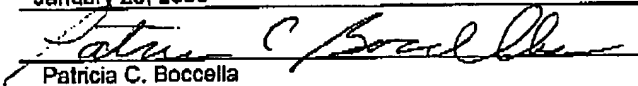
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January 23, 2006

  
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Patricia C. Boccella

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